

Submit 1 Copy To Appropriate District
Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-025-23526
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	312479
7. Lease Name or Unit Agreement Name	NORTH VAC ABO
8. Well Number	118
9. OGRID Number	298299
10. Pool name or Wildcat	NORTH VAC ABO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 4030 GL	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR TO
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other ☐ INJ ☐ AUG 20 2020

2. Name of Operator
CROSS TIMBERS ENERGY, LLC

3. Address of Operator
400 W 7TH STREET FORT WORTH TX, 76102

4. Well Location
Unit Letter F : 1980 feet from the N line and 1980 feet from the W line
Section 26 Township 17-S Range NMPM County LEA

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☒ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐ ADD PERFS ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

MIRU - est'd 9/21/2020

1. MIRU. POOH w/ 2-3/8" injection tubing.
2. Set RBP @ 8,330'.
3. Perform repairs at surface on 8-5/8" casing.
4. PU 5-1/2" plug and packer on 2-3/8" tubing and TIH. Locate and isolate leak in 5-1/2" casing. Determine injection rates & pressures.
5. Squeeze casing leak per recommended cement design pending leak details. WOC.
6. Drill out cement and clean out to top of RBP @ 8,330'.
7. Retrieve RBP and POOH. PU and RIH w/ packer picker assembly to permanent packer @ 8,405'. Remove packer. POOH.
8. Perforate:
•8,590' - 8,592' (2', 1 SPF)
•8,598' - 8,600' (2', 1 SPF)
•8,626' - 8,644' (18', 1 SPF)
9. Acidize all perforations w/ 5,000 gals 15% NEFE and 7,500# rock salt.
10. PU 5-1/2" Arrowset 1X packer on 2-3/8" IPC injection string and test in hole. Set packer @ 8,400'.
11. L&T backside. Release from packer, circulate w/ packer fluid, latch back on to packer. Notify NMOCD and perform MIT per state representative's directives.

Spud Date:

06/16/1970

Rig Release Date:

07/20/1970

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Samanntha Avarello TITLE Regulatory Technician DATE 08/19/2020

Type or print name Samanntha Avarello E-mail address: savarello@mspartners.com PHONE: 817-334-7747

For State Use Only

APPROVED BY: Kerry Jute TITLE CO A DATE 8-20-20
Conditions of Approval (if any)

Vacuum ABO Unit #118

N. Vacuum ABO Field

Lea County, NM

API 30-025-23526

PROPOSED WBD

Elevation
GL- 4030'
DF- 4044'
KB- 4045'
Zero- 14' AGL

12 1/4" hole

8-5/8", 23# J55 8rd ST&C csg. Set @ 1630' w/ 1100 sx.
Cl. H 8% gel cmt. + 200 sx. Cl A neat. All w/ 2% CaCl.
Cmt. Circ.

7-7/8" hole

Original TOC @ 2480' by TS. Cmt'd to surface down backside w/
900 sx. Incor Neat cmt.

PROPOSED TUBING/PACKER:

2-3/8" IPC tbq & Arrowset 1X pkr. @ 8400'

ABO Perfs Original (1970):

8485', 92', 96', 98', 8501', 03', 08', 10', 29', 31', 37', 40',
44', 52', 54', 56', 62', 65', 1 JSPF, 18 holes

(added in 1973) 8484', 86', 87', 91', 97', 99', 8500', 04',
06', 07', 09', 11', 28', 30', 32', 33', 41', 42', 43', 45', 49',
50', 53', 55', 57', 66', 67', 1 JSPF 27 holes.

PROPOSED ABO 'E' PERFS

8,590' - 8,592' (2', 1 SPF, 2 shots)
8,598' - 8,600' (2', 1 SPF, 2 shots)
8,626' - 8,644' (18', 1 SPF, 18 shots)

7/15/1970: Perf'd. Acidized w/ 500 gals acid.
Reacidized w/ 10,000 gals 15% NEFE w/ 5#FR
and 16 RCNB sealers. TTP 3400-4500. AIR 5.2
bpm. ISIP 2500.

10/1/1973: Converted to WIW. Added perfs.
Treated w/ 800 gals xylene + 200 gals 15% NEFE.
Acidized w/ 5000 gals 15% NEFE w/ 80 bs.

5 1/2", 17# & 15# J55 8rd csg. Set @ 8676' w/ 2900 sx. Trinity
Lite-Wate cmt. + 1/4# Flocele in 1st 1000 sx. + 200 sx. Cl C
neat. Lost circ. TOC @ 2480' by TS.

PBTD @ 8648'

TD @ 8700'

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Lea County, NM

API 30-025-23526

Updated 7/29/2020

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GL- 4030'
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KB- 4045'
Zero- 14' AGL

